

## Background Information

What is your main role during software development? If "Other" Please specify.

- ☐ Software developer/engineer
- ☐ Software tester/QA
- ☐ Software Architect/Designer
- ☐ Administrator
- ☐ Manager
- ☐ Team lead
- ☐ Consultant
- ☐ Researcher
- ☐  Other

What is your age? (optional)

- ☐ < 20
- ☐ 20 - 30
- ☐ 30 - 40
- ☐ 40+

What is your gender? (optional)

- ☐ Male
- ☐ Female
- ☐ Other

What is your country/continent of residence (e.g., Europe, North America)? (optional)

What is your highest degree earned?If 'Other' Please specify?

- ☐ Bachelor or equivalent
- ☐ Master or equivalent
- ☐ PhD. or equivalent
- ☐  Other

For what purpose do you use GitHub?

- ☐ Host private projects
- ☐ Contribute to public projects

What is your GitHub User ID? (The information you provide will be kept confidential)

For what purpose do you use Stack Overflow?

- ☐ View discussions to get help
- ☐ Post questions on a particular problem to seek help
- ☐ Participating in discussions (answering, solving or commenting in the threads)

What is your Stack Overflow User ID? (The information you provide will be kept confidential)

How many years of software development experience do you have?

- ☐ <1
- ☐ 1 - 3
- ☐ 4 - 6
- ☐ 7 - 9
- ☐ 10+

**Expertise levels in different area**

**Expertise levels in different area**

Please rate your programming language expertise on the following scale of 1 (None) to 5 (Expert). If 'Other' please specify your answer clearly otherwise click "None".

(None)	1	(Beginner)	2	(Intermediate)	3	(Proficient)	4	(Expert)	5
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	(None) 1	(Beginner) 2	(Intermediate) 3	(Proficient) 4	(Expert) 5
Java	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
C/C++	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Python	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
C#	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
VisualBasic (including Net)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
JavaScript	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
SQL	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
PHP	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Objective-C	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Groovy	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Swift	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Ruby	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Assembly Language	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
R	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Go	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Pearl	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
MATLAB	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Other	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<input type="text"/>					

Please rate your Frameworks & Libraries expertise on the following scale of 1 (None) to 5 (Expert). If 'Other' please specify your answer clearly otherwise click "None".

	(None) 1	(Beginner) 2	(Intermediate) 3	(Proficient) 4	(Expert) 5
Node.js	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

	(None) 1	(Beginner) 2	(Intermediate) 3	(Proficient) 4	(Expert) 5
Angular.JS	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Spring	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
ExpressJS	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
ASP	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Django	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
.Net Core	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Vue.js	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Struts	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
JSF	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Backbone.js	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Cocoa	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
React	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Hadoop	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Spark	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Other	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<input type="text"/>					

Please rate your Technologies expertise on the following scale of 1 (None) to 5 (Expert). If 'Other' please specify your answer clearly otherwise click "None".

	(None) 1	(Beginner) 2	(Intermediate) 3	(Proficient) 4	(Expert) 5
Firebase	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Internet of Things	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Deep Learning	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Machine Learning	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

	(None) 1	(Beginner) 2	(Intermediate) 3	(Proficient) 4	(Expert) 5
Computer Vision	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Block chain	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Quantum Computing	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Augmented or virtual reality	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Other <input type="text"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Please rate your Databases expertise on the following scale of 1 (None) to 5 (Expert). If 'Other' please specify your answer clearly otherwise click "None".

	(None) 1	(Beginner) 2	(Intermediate) 3	(Proficient) 4	(Expert) 5
MySQL	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
SQL Server	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
SQLite	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
PostgreSQL	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
MongoDB	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Oracle	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Redis	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Cassandra	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Other <input type="text"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

When rating your own expertise in the above skills, what did you consider? If 'Other' please specify clearly .

☐ My professional experience in software development (as opposed to private projects)

- ☐ The depth of my knowledge
- ☐ The breadth of my general programming, libraries, frameworks and technology knowledge (general object-oriented programming knowledge, other programming languages or paradigms, databases, etc.)
- ☐ The size of the projects I worked on
- ☐ My performance compared to other developers I know
- ☐ Other



## Expertise Discussion

### Expertise Discussion

Please name 3-5 most important skills that a software development expert should be good at:  
(Please start with the most important skills)



Do you regularly monitor your own software development activities (e.g., using software metrics or other statistics)?

- ☐ Yes
- ☐ No
- ☐ I don't want to answer

If yes, how do you monitor your software development activities?

## Cross Platform Expertise

### Cross Platform Expertise

How do you decide which project to contribute to in GitHub? If you don't contribute, why?

How do you decide which topics to participate ( for example answering, solving or commenting in the threads) in Stack Overflow? If you don't participate, why?

What are the top 5 tags that you are participating in Stack Overflow?

Do the top 5 tags mentioned above reflect your key expertise?

- ☐ Yes
- ☐ No

If 'No', please justify



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